

# Colloidal Zinc (Zn) – Product Information

## Overview

Colloidal Zinc is a suspension of zinc nanoparticles in purified water, valued for its role in skincare, immune-support supplements, and advanced research. It is widely recognized for its protective and restorative functions.

## Typical Specifications

• Appearance: Transparent to slightly bluish colloidal liquid • Particle size: 5–20 nm • Concentration: 10–20 ppm • Purity: >99.9% zinc nanoparticles • Solvent: Purified water

## Applications

• Skincare and sun protection formulations • Nutritional and wellness supplements • Antimicrobial and protective coatings • Nanotechnology and material science research

## Safety & Regulatory

• Zinc is generally regarded as safe in small concentrations, but internal consumption must comply with regulatory limits • Store away from sunlight to prevent degradation • Use only in approved cosmetic, wellness, or industrial applications

## The Siddhi Advantage

• High stability and purity ensured through strict processes • Reliable quality testing (ICP, UV-Vis) • Flexible supply and packaging • International logistics with compliance support